

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060425\  
 Data File : BF142608.D  
 Acq On : 04 Jun 2025 15:47  
 Operator : RC/JU  
 Sample : Q2172-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP06-MHQ

Quant Time: Jun 04 16:09:17 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 20 16:26:47 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.893  | 152  | 123384   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.175  | 136  | 464328   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.934  | 164  | 224694   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.422 | 188  | 307417   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.063 | 240  | 206754   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.557 | 264  | 282900   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 636397   | 86.897 | ng    | 0.00     |
| 7) Phenol-d6                | 6.522  | 99   | 783377   | 88.860 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 456265   | 53.582 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 178128   | 71.428 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 909287   | 54.302 | ng    | -0.02    |
| 79) Terphenyl-d14           | 13.004 | 244  | 603444   | 39.885 | ng    | -0.01    |

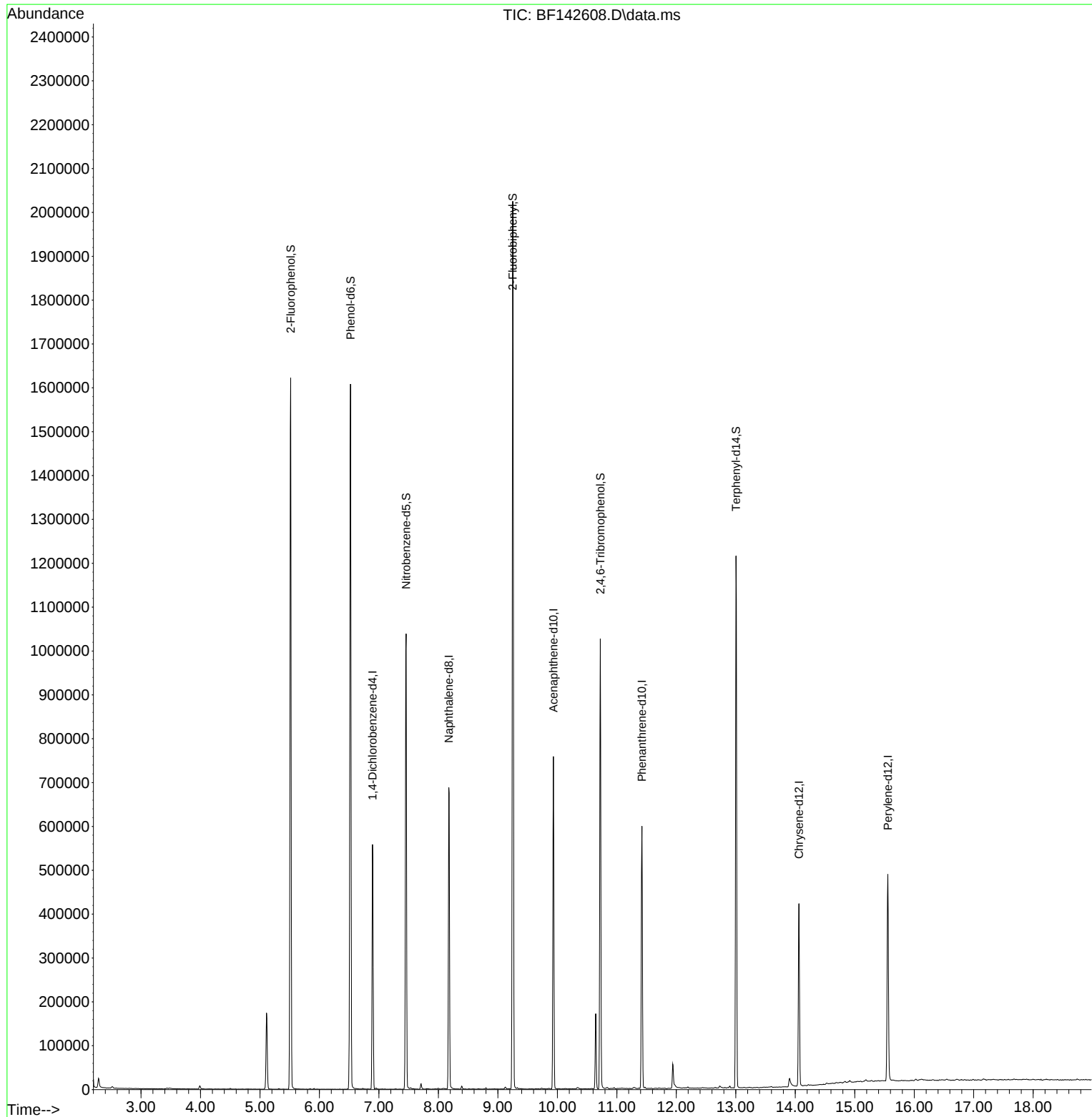
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

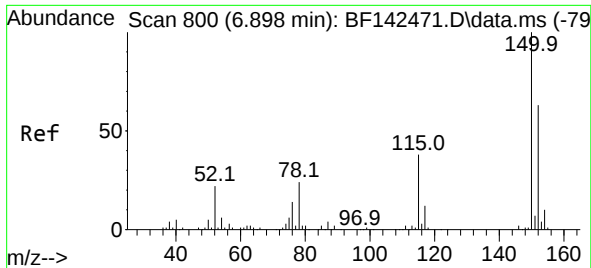
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 20 16:26:47 2025  
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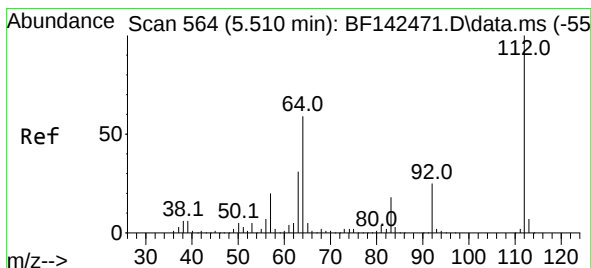
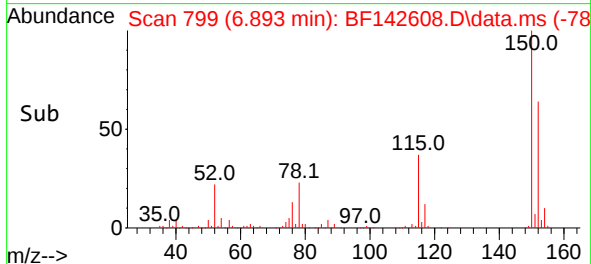
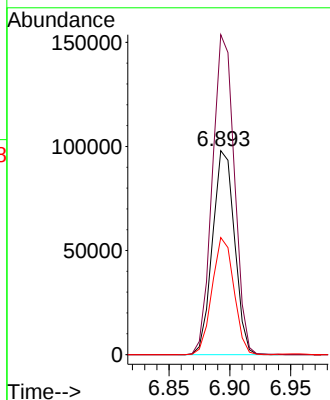
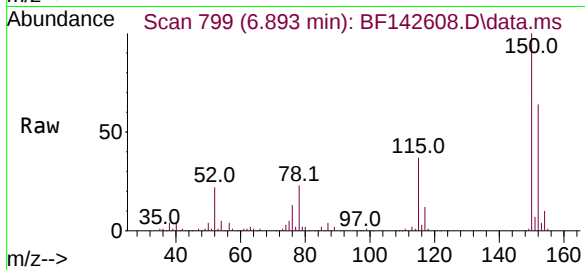




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BF142608.D  
Acq: 04 Jun 2025 15:47

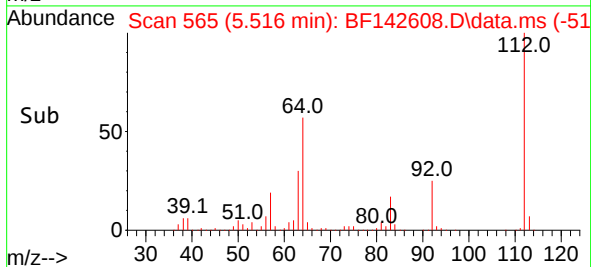
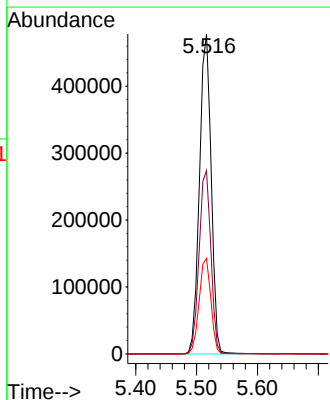
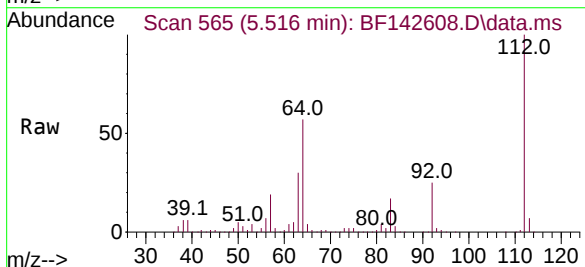
Instrument :  
BNA\_F  
ClientSampleId :  
TP06-MHQ

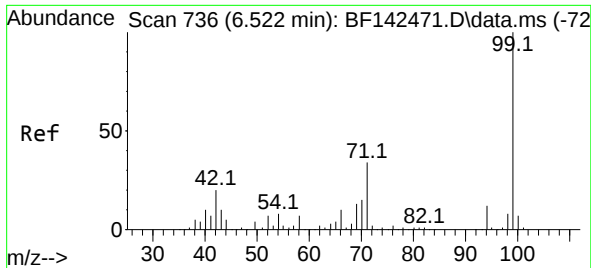
Tgt Ion:152 Resp: 123384  
Ion Ratio Lower Upper  
152 100  
150 156.9 128.2 192.4  
115 57.4 48.3 72.5



#5  
2-Fluorophenol  
Concen: 86.897 ng  
RT: 5.516 min Scan# 565  
Delta R.T. 0.000 min  
Lab File: BF142608.D  
Acq: 04 Jun 2025 15:47

Tgt Ion:112 Resp: 636397  
Ion Ratio Lower Upper  
112 100  
64 57.3 47.5 71.3  
63 29.9 24.9 37.3

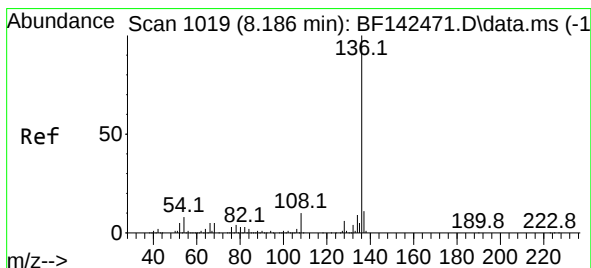
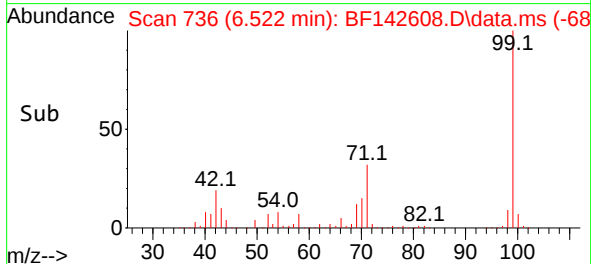
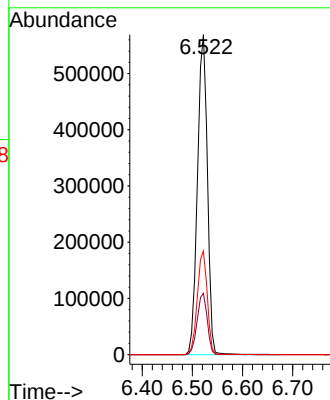
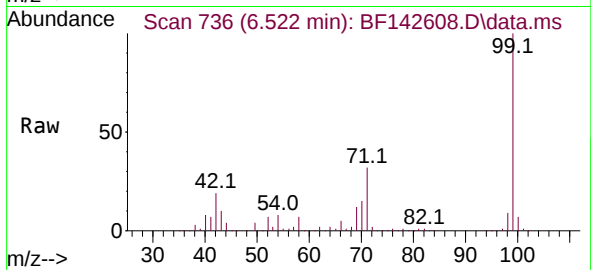




#7  
Phenol-d6  
Concen: 88.860 ng  
RT: 6.522 min Scan# 736  
Delta R.T. -0.012 min  
Lab File: BF142608.D  
Acq: 04 Jun 2025 15:47

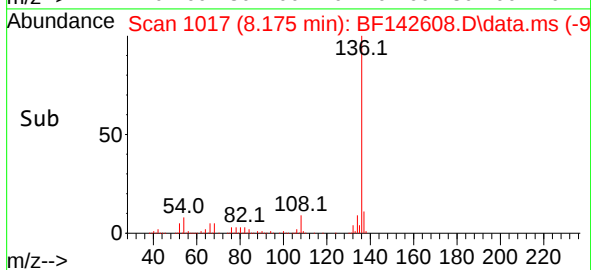
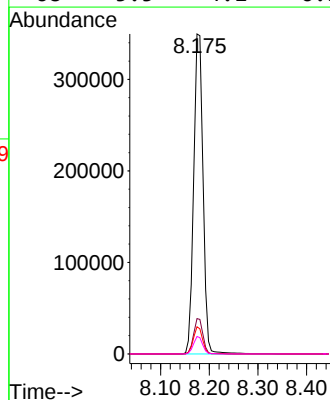
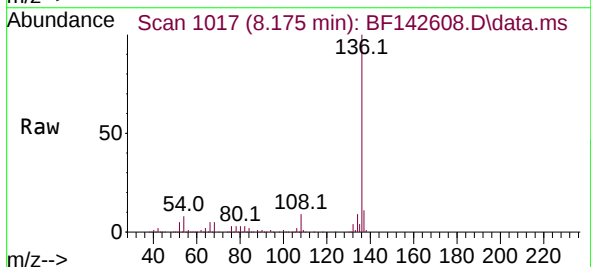
Instrument :  
BNA\_F  
ClientSampleId :  
TP06-MHQ

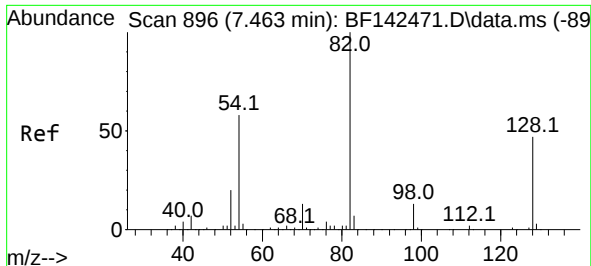
Tgt Ion: 99 Resp: 783377  
Ion Ratio Lower Upper  
99 100  
42 19.1 16.2 24.2  
71 32.4 27.3 40.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1017  
Delta R.T. -0.012 min  
Lab File: BF142608.D  
Acq: 04 Jun 2025 15:47

Tgt Ion: 136 Resp: 464328  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 8.5 6.6 10.0  
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 53.582 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142608.D

Acq: 04 Jun 2025 15:47

Instrument :

BNA\_F

ClientSampleId :

TP06-MHQ

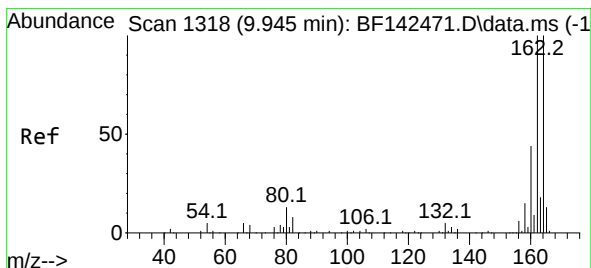
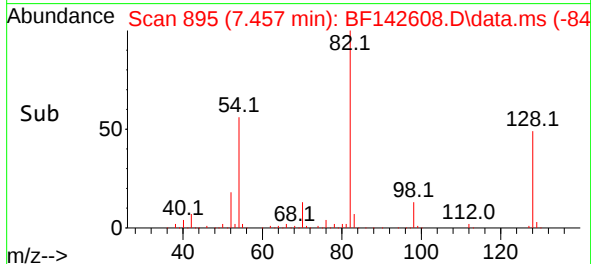
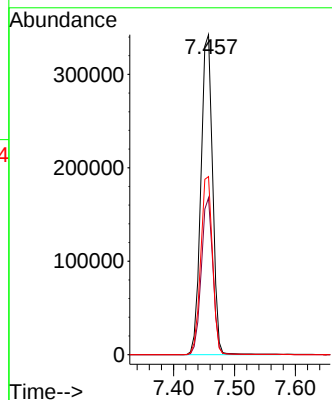
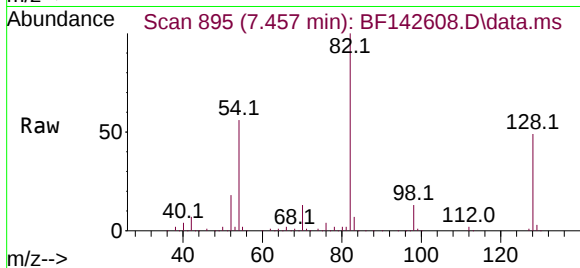
Tgt Ion: 82 Resp: 456265

Ion Ratio Lower Upper

82 100

128 49.0 37.4 56.2

54 55.7 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142608.D

Acq: 04 Jun 2025 15:47

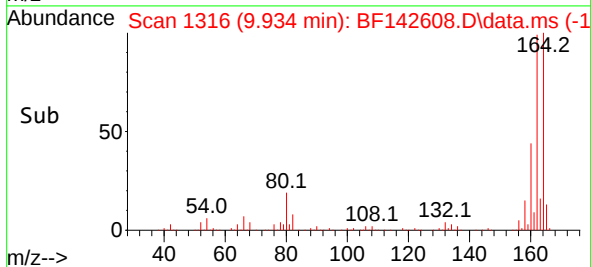
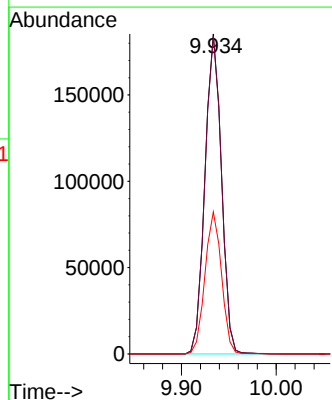
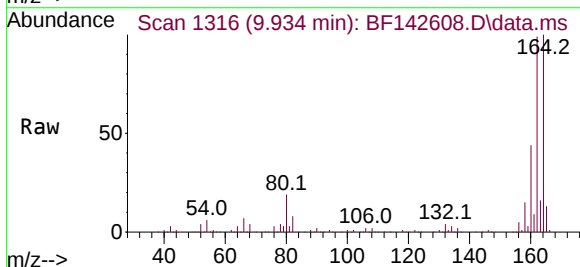
Tgt Ion:164 Resp: 224694

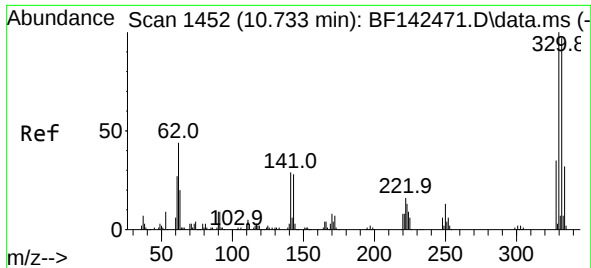
Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.4

160 44.4 35.6 53.4

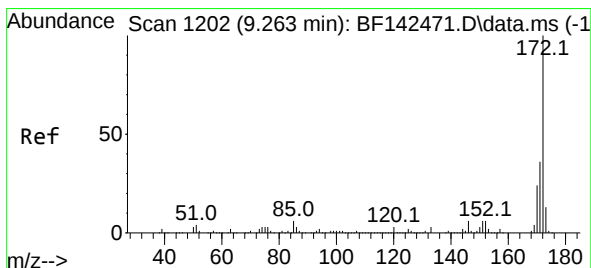
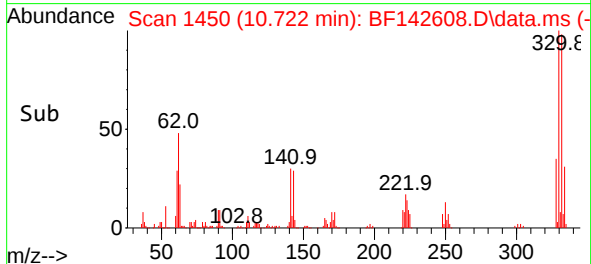
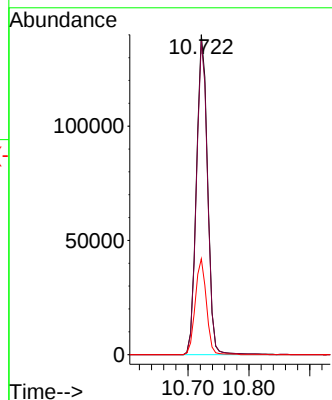
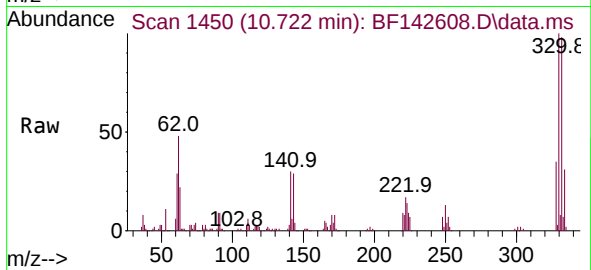




#42  
2,4,6-Tribromophenol  
Concen: 71.428 ng  
RT: 10.722 min Scan# 1452  
Delta R.T. -0.017 min  
Lab File: BF142608.D  
Acq: 04 Jun 2025 15:47

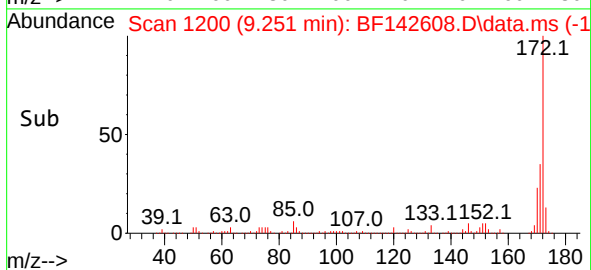
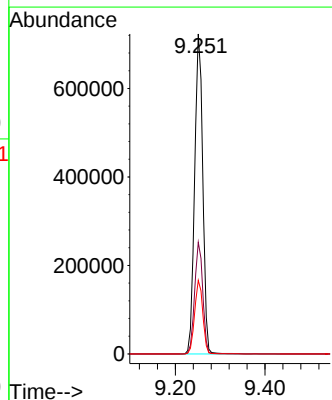
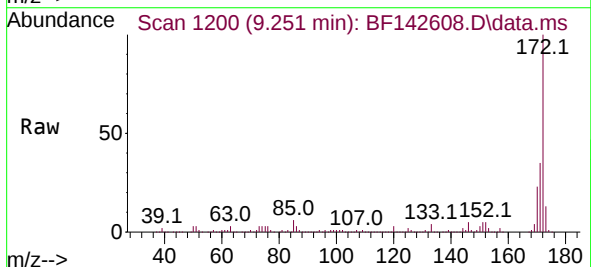
Instrument :  
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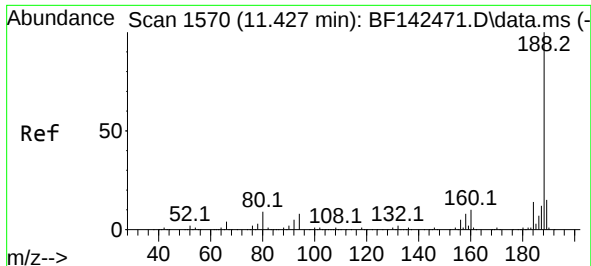
Tgt Ion:330 Resp: 178128  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.6 116.4  
141 29.7 24.6 36.8



#45  
2-Fluorobiphenyl  
Concen: 54.302 ng  
RT: 9.251 min Scan# 1200  
Delta R.T. -0.017 min  
Lab File: BF142608.D  
Acq: 04 Jun 2025 15:47

Tgt Ion:172 Resp: 909287  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.6 42.8  
170 23.0 18.9 28.3

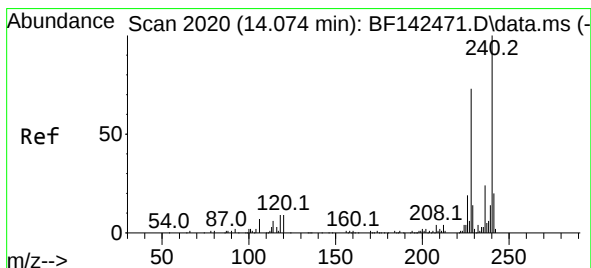
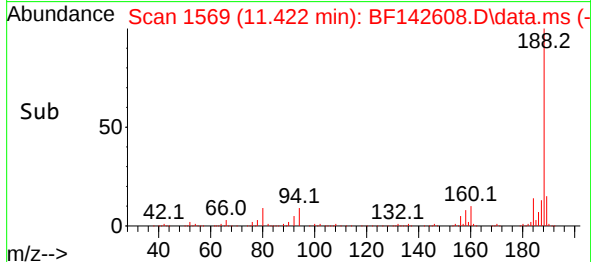
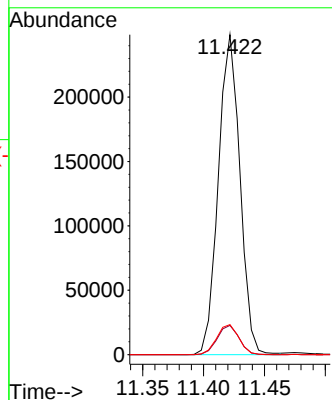
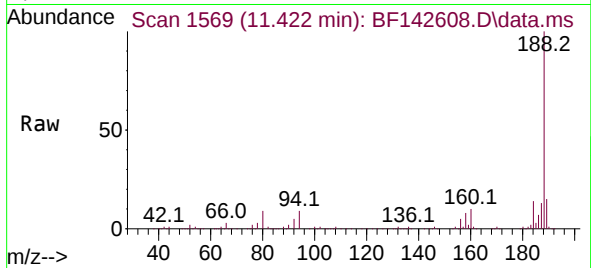




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF142608.D  
Acq: 04 Jun 2025 15:47

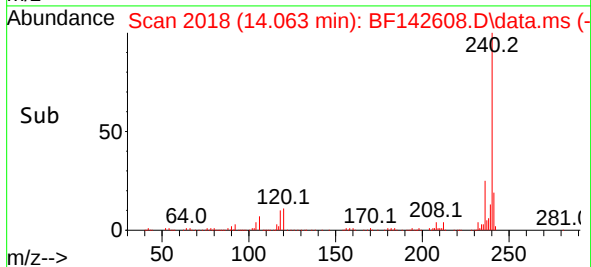
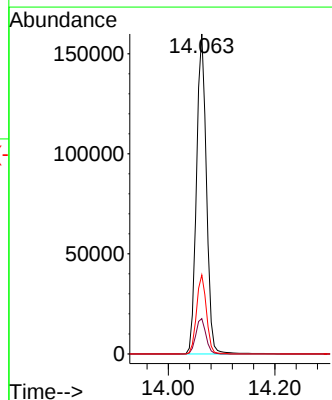
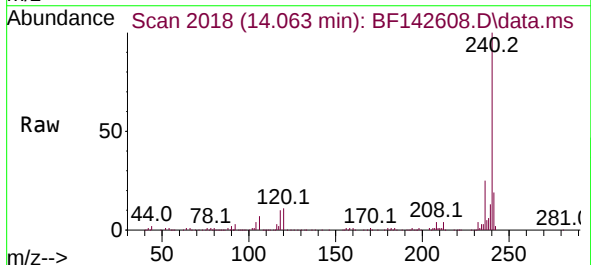
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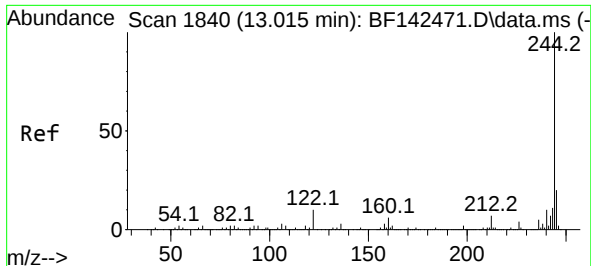
Tgt Ion:188 Resp: 307417  
Ion Ratio Lower Upper  
188 100  
94 9.1 6.6 10.0  
80 9.4 7.4 11.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BF142608.D  
Acq: 04 Jun 2025 15:47

Tgt Ion:240 Resp: 206754  
Ion Ratio Lower Upper  
240 100  
120 11.0 7.5 11.3  
236 24.7 19.6 29.4

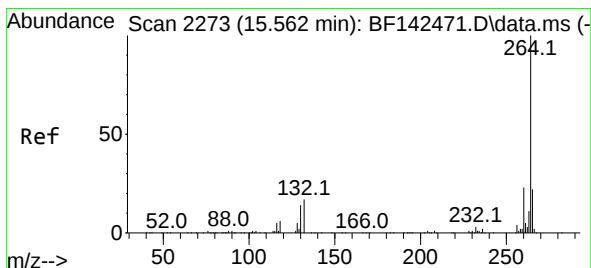
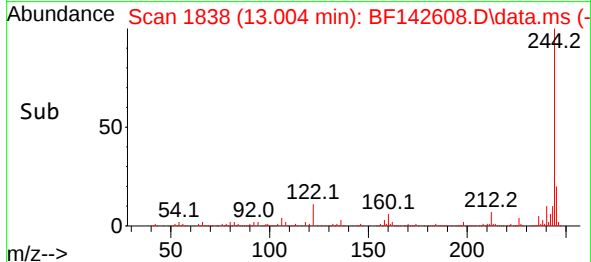
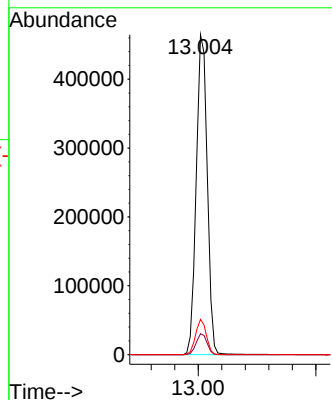
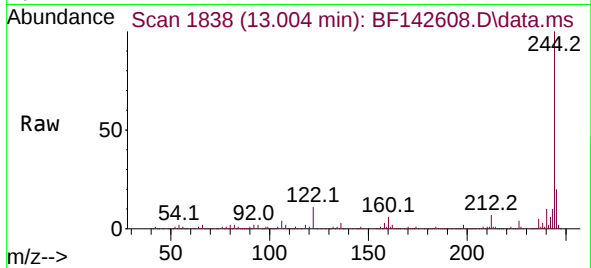




#79  
 Terphenyl-d14  
 Concen: 39.885 ng  
 RT: 13.004 min Scan# 1840  
 Delta R.T. -0.012 min  
 Lab File: BF142608.D  
 Acq: 04 Jun 2025 15:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP06-MHQ

Tgt Ion:244 Resp: 603444  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.3 7.9  
 122 11.0 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2272  
 Delta R.T. -0.012 min  
 Lab File: BF142608.D  
 Acq: 04 Jun 2025 15:47

Tgt Ion:264 Resp: 282900  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.6 28.0  
 265 21.0 17.7 26.5

